

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

XX Claim 1; Page 11; 11pp; English.

XX The sequence is the N-terminal of the 18 kD subunit of the ovine

CC inhibin dimer. The protein specifically inhibits basal secretion of

CC follicle stimulating hormone (FSH) but not that of luteinising

CC hormone (LH). It can be admin. to mammals for control of fertility,

CC gonadotropin secretion or sex hormone prodn. Admin decreases

CC fertility in females and decreases spermatogenesis in males. The

CC protein can also be used to diagnose infertility. Antibodies raised

CC against the protein can neutralise the activity and could be used in

CC immunisation to block endogenous secretion of inhibin, elevating

CC endogenous gonadotropin secretion. The protein was purified from

CC ram rete testis fluid by a combination of gel filtration and

CC reverse phase HPLC. See also AAR12088.

XX

SQ Sequence 33 AA;

Query Match 91.6%; Score 131; DB 12; Length 33;

Best Local Similarity 92.0%; Pred. No. 6.2e-11;

Matches 23; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PWSPAALRLQLRPPPEPSAHAFCHR 25

DB 8 PWSPAALRLQLRPPPEPSAHAFCHR 32

RESULT 2

AAP60517

ID AAP60517 standard; Protein; 360 AA.

XX

AC AAP60517;

XX

DT 26-JUN-1991 (first entry)

XX

DE Sequence of bovine inhibin A subunit.

XX

KW Hormone; inhibin agonist; antagonist; reproductive; gonad.

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OS Bos taurus.

XX

FH Key Location/Qualifiers

FT Region 1..226

FT /note= "claimed"

FT Region 51..226

FT /note= "claimed"

FT Region 61..226

FT /note= "claimed"

FT Peptide 1..60

FT Protein 61..360

XX

PN W08606076-A.

XX

XX 23-OCT-1986.

PD

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PF 14-APR-1986; 86WO-AU000097.

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PR 20-DEC-1985; 85AU-0003961.

PR 18-APR-1985; 85AU-0000194.

PR 06-SEP-1985; 85AU-0002320.

PR 29-OCT-1985; 85AU-0003157.

PR 19-DEC-1985; 85AU-0003960.

PR 01-JAN-1986; 86AU-0059039.

PR 02-APR-1987; 87AU-0071015.

PR 05-MAY-1986; 86CN-0103459.

XX

PA (BIOT-) BIOTECH AUSTR PTY.

PA (MONU) MONASH UNIV.

PA (HENR-) PRICE HENRY'S HOSPITAL.

PA (SVIN-) ST VINCENTS'S INST MED RE.

XX

PI Forage R, Stewart A, Robertson D, Dekretser DM;

XX

DR WPI: 1986-291647/44.

DR N-PSDB: AAN60426.

XX

PT New polynucleotide sequences and recombinant DNA - encoding

PT inhibin and synthetic peptides useful for affecting gonadal

PT function

XX

PS Disclosure; Fig 5; 71pp; English.

XX

CC DNA encoding inhibin and inhibin or part, analogues, homologues or

CC precursors thereof when produced by recombinant techniques are also

CC claimed, as well as pharmaceutical compositions thereof. These may

CC be used as an inhibin agonist, antagonist or for eliciting an

CC antigenic response to affect gonadal function or reproductive

CC physiology.

XX

SQ Sequence 360 AA;

Query Match 91.6%; Score 131; DB 7; Length 360;

Best Local Similarity 92.0%; Pred. No. 7.7e-10;

Matches 23; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PWSPAALRLQLRPPPEPSAHAFCHR 25

DB 234 PWSPAALRLQLRPPPEPSAHAFCHR 258

RESULT 3

AAB92074

ID AAB92074 standard; Peptide; 32 AA.

XX

AC AAB92074;

XX

DT 22-JUN-2001 (first entry)

XX

DE Inhibin peptide SEQ ID NO:1250.

XX

KW Protection; endogenous therapeutic peptide; peptidase; conjugation;

KW blood component; modification; succinimide; maleimido group; amino;

KW hydroxyl; thiol; hormone; growth factor; neurotransmitter.

XX

OS Homo sapiens.

OS Synthetic.

XX

PN W0200069900-A2.

XX

PD 23-NOV-2000.

XX

PF 17-MAY-2000; 2000WO-US13576.

XX

PR 17-MAY-1999; 99US-0134406.

PR 10-SEP-1999; 99US-0153406.

PR 15-OCT-1999; 99US-0159783.

XX

PA (CONJ-) CONJUCHEM INC.

XX

PI Bridon DP, Ezrin AM, Milner PG, Holmes Di., Thibaudeau K;

XX

DR WPI: 2001-112059/12.

XX

PT Modifying and attaching therapeutic peptides to albumin prevents

PT peptidase degradation, useful for increasing length of in vivo activity

PT

XX

PS Disclosure; Page 603-604; 733pp; English.

XX

CC The present invention describes a modified therapeutic peptide (I)

CC comprising a therapeutically active amino acid region (III) and a

CC reactive group (II) (e.g. succinimide and maleimido groups) attached to

CC a less therapeutically active amino acid region (IV), which covalently

CC bonds with amino/hydroxyl/thiol groups on blood components to form a

CC peptidase stabilised therapeutic peptide composed of 3-50 amino acids.

CC (I) are useful for modifying therapeutic peptides e.g. hormones, growth

CC factors and neurotransmitters, to protect them from peptidase activity
 CC in vivo for the treatment of various disorders. Endogenous therapeutic
 CC peptides are not suitable as drug candidates as they require frequent
 CC administration due to rapid degradation by peptidases in the body.
 CC Modifying and attaching therapeutic peptides to albumin prevents or
 CC reduces the action of peptidases to increase length of activity (half
 CC life) and specificity as bonding to large molecules decreases
 CC intracellular uptake and interference with physiological processes.
 CC AAB90829 to AAB92441 represent peptides which can be used in the
 CC exemplification of the present invention.

XX Sequence 32 AA;
 Query Match 89.5%; Score 128; DB 22; Length 32;
 Best Local Similarity 88.0%; Pred. No. 1.5e-10;
 Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 PWSPALRLQLRPPEPSAHAFCHR 25
 Db 8 PWSPALRLQLRPPEPSAHAFCHR 32

RESULT 4
 AAB92075
 ID AAB92075 standard; Peptide; 33 AA.
 XX AC AAB92075;
 XX DT 22-JUN-2001 (first entry)
 XX DE Inhibit peptide SEQ ID NO:1251.
 XX KW Protection; endogenous therapeutic peptide; peptidase: conjugation;
 XX blood component; modification; succinimidy; maleimido group; amino;
 XX hydroxyl; thiol; hormone; growth factor; neurotransmitter.
 XX OS Homo sapiens.
 XX OS Synthetic.
 XX PN WO200069900-A2.
 XX FD 23-NOV-2000.
 XX PF 17-MAY-2000; 2000WO-US13576.
 XX PR 17-MAY-1999; 990S-0134406.
 XX PR 10-SEP-1999; 990S-0153406.
 XX PR 15-OCT-1999; 990S-0159783.
 XX PA (CONJ-) CONJUCHEM INC.
 XX PL Bridon DP, Erin AM, Milner PG, Holmes DL, Thibaudau K;
 XX WPI: 2001-112059/12.
 XX Modifying and attaching therapeutic peptides to albumin prevents
 XX peptidase degradation, useful for increasing length of in vivo activity
 XX .
 XX Disclosure: Page 604; 733pp; English.

CC The present invention describes a modified therapeutic peptide (I)
 CC comprising a therapeutically active amino acid region (III) and a
 CC reactive group (II) (e.g. succinimidy and maleimido groups) attached to
 CC a less therapeutically active amino acid region (IV), which covalently
 CC bonds with amino/hydroxyl/thiol groups on blood components to form a
 CC peptidase stabilised therapeutic peptide composed of 3-50 amino acids.
 CC (I) are useful for modifying therapeutic peptides e.g. hormones, growth
 CC factors and neurotransmitters, to protect them from peptidase activity
 CC in vivo for the treatment of various disorders. Endogenous therapeutic
 CC peptides are not suitable as drug candidates as they require frequent
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 CC life) and specificity as bonding to large molecules decreases
 CC intracellular uptake and interference with physiological processes.
 CC AAB90829 to AAB92441 represent peptides which can be used in the
 CC exemplification of the present invention.

XX Sequence 33 AA;
 Query Match 89.5%; Score 128; DB 22; Length 33;
 Best Local Similarity 88.0%; Pred. No. 1.6e-10;
 Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 PWSPALRLQLRPPEPSAHAFCHR 25
 Db 9 PWSPALRLQLRPPEPSAHAFCHR 33

RESULT 5
 AAP80018
 ID AAP80018 standard; Protein; 134 AA.
 XX AC AAP80018;
 XX DT 28-JAN-1993 (first entry)
 XX DE Sequence of the 18K alpha-chain of a protein exhibiting
 XX DE inhibin activity.
 XX KW Fertility control; inhibin; follicle stimulating hormone; inhibitor;
 XX gonadotropin.
 XX KW Homo sapiens.
 XX OS
 XX FH Key Location/Qualifiers
 XX FT Misc-difference 55 /label= I,R
 XX PN US4737578-A.
 XX PD 12-APR-1988.
 XX PF 07-APR-1986; 86US-0848924.
 XX PR 07-APR-1986; 86US-0848924.
 XX PR 10-FEB-1986; 86US-0828435.
 XX PA (SALK) SALK INST FOR BIOL STUD.
 XX PI Evans RM, Rosenfeld MG, Cerelli G, Mayo KE, Spiess J;
 XX Rivier JEF, Vale WW.
 XX DR WPI: 1988-119128/17.
 XX PT New proteins with inhibin activity - esp. useful for controlling
 XX PT fertility in males
 XX PS Claim 1; Column 7; 6pp; English.
 XX SS The inventors claim 2 proteins - A and B - each of which has a
 CC molecular weight of about 32K and is comprised of an alpha (18K) and
 CC a beta (14K) chain of human inhibin. The alpha chain is AAP80018.
 CC The beta chain is either AAP80019 or AAP80020. Proteins A and B are
 CC useful for regulating fertility of mammals. Each 32K protein
 CC exhibits inhibin activity in basal secretion of FHS but not
 CC inhibiting basal secretion of luteinizing hormone (LH).

XX Sequence 134 AA;
 Query Match 89.5%; Score 128; DB 9; Length 134;
 Best Local Similarity 88.0%; Pred. No. 7e-10;
 Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1 PWSPALRLQLRPPEPSAHAFCHR 25

Db 8 PWSPALRLQLRPPEPAHANCHR 32
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RESULT 6

AAB68139
 ID AAB68139 standard; Protein; 134 AA.

AC AAB68139;

DT 09-JUL-2001 (first entry)

XX Amino acid sequence of an alphaC fragment of human inhibin.

XX AlphaC portion; inhibin; alpha-subunit; glycoprotein;

KW follicle stimulating hormone; FSH; cancer.

XX Homo sapiens.

OS Homo sapiens.

XX WO200129079-A1.

PN 26-APR-2001.

XX 18-OCT-2000; 2000WO-AU01258.

XX 18-OCT-1999; 99AU-0003485.

XX 03-AUG-2000; 2000AU-0009162.

XX (PRIN-) PRINCE HENRY'S INST MEDICAL RES.

PA (GROO/) GROOME N.P.

XX Groome NP, Milne-Robertson DM, Stanton PG, Cahir NF;

XX WPI; 2001-308476/32.

XX N-PSDB; AAF84904.

XX Immuno-interactive fragments of alpha-C portion of mammalian inhibin

PT alpha-subunit used to, e.g. produce antigen-binding molecules for

PT diagnosing cancer -

XX Claim 5; Page 139; 159pp; English.

XX The present sequence represents an alphaC portion of a human inhibin

CC alpha-subunit. Inhibin is a dimeric glycoprotein which is able to

CC inhibit the secretion of follicle stimulating hormone (FSH) by the

CC pituitary. Immuno-interactive fragments of the alphaC portion of inhibin

CC alpha-subunit are used to raise antibodies. The antibodies are used to

CC diagnose cancer of tissues in the ovary, uterus, breast, pituitary,

CC testis, or prostate. The antibodies may be used in immunoassays such

CC as radio-immunoassays, affinity chromatography in isolating a natural

CC or recombinant mammalian inhibin, and for screening expression

XX libraries for variant polypeptides.

XX Sequence 134 AA;

Query Match 89.5%; Score 128; DB 22; Length 134;

Best Local Similarity 88.0%; Pred. No. 7e-10;

Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 PWSPALRLQLRPPEPSAHAFCHR 25

Db 8 PWSPALRLQLRPPEPAHANCHR 32

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Human; TGFbeta; transforming growth factor beta; mutant; antagonist;

agonist; ectopic bone formation; psoriasis; muscular atrophy; scar;

formation; fibrosis; cirrhosis; osteopathic; antipsoriatic;

antibiotic; hepatotropic; vulnery; inh-9.

XX Homo sapiens.

XX DE10026713-A1.

XX 06-DEC-2001.

XX 30-MAY-2000; 2000DE-1026713.

XX 30-MAY-2000; 2000DE-1026713.

XX (SEBA/) SEBALD W.

XX Sebal W, Nickel J;

XX WPI; 2002-042559/06.

XX New mutin of transforming growth factor-beta superfamily protein,

PT useful for treating or preventing e.g. ectopic bone formation, competes

PT for receptor binding -

XX disclosure; Fig 6; 54pp; German.

XX The present invention relates to muteins of a chain of a protein which,

CC when in the form of a homodimer, has antagonistic or partial agonistic

CC activity, and where the mutation results in the protein binding with low

CC affinity to its receptor. The protein is a member of the transforming

CC growth factor beta (TGFbeta) superfamily. The mutant sequences of the

CC invention can be used in the treatment of diseases associated with the

CC overexpression of TGFbeta family proteins, including ectopic bone

CC formation, psoriasis, muscular atrophy, scar formation, fibrosis and

CC cirrhosis. The present sequence is the human inh-9 protein.

XX Sequence 134 AA;

Query Match 89.5%; Score 128; DB 23; Length 134;

Best Local Similarity 88.0%; Pred. No. 7e-10;

Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 PWSPALRLQLRPPEPSAHAFCHR 25

Db 8 PWSPALRLQLRPPEPAHANCHR 32

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RESULT 8

AAP70202

ID AAP70202 standard; protein; 351 AA.

XX AAP70202;

XX 09-APR-1991 (first entry)

XX Sequence of human inhibin alpha-chain precursor.

XX Fertility control; contraception; hormone; spermatogenesis.

KW Homo sapiens.

XX Homo sapiens.

XX Key Location/Qualifiers

FT Active-site 312..313

FT /note="putative dibasic processing site"

FT Modified-site 131..133

FT /note="potential N-linked glycosylation sites"

FT Modified-site 253..255

FT /note="as above"

FT Modified-site 287..289

FT /note="as above"

FT Region 1..16

FT /label= alpha chain
 FT /note= "claimed"

PN US4737578-A.

PD 12-APR-1988.

XX 07-APR-1986; 86US-0848924.

XX 07-APR-1986; 86US-0848924.

PR 10-FEB-1986; 86US-0828435.

XX (SALK) SALK INST FOR BIOL STUD.

XX Evans RM, Rosenfeld MG, Gerelli G, Mayo KE, Spiess J;

PI Rivier JEF, Vale WW;

XX WPI; 1988-119128/17.

DR N-PSDB: AAN80040.

XX New proteins with inhibit activity - esp. useful for controlling
 PT fertility in males

PS Disclosure; Table 1, page 6-7; 6pp; English.

CC The inventors claim 2 proteins - A and B - each of which has a
 CC molecular weight of about 32k and is comprised of an alpha (18k) and
 CC a beta (14k) chain of human inhibin. The alpha chain is AAP80018
 CC The beta chain is either AAP80019 or AAP80020. Proteins A and B are
 CC useful for regulating fertility of mammals. Each 32k protein
 CC exhibits inhibit activity in basal secretion of FHS but not
 CC inhibiting basal secretion of luteinizing hormone (LH).

XX Sequence 366 AA;

Query Match 89.5%; Score 128; DR 9; Length 366;

Best Local Similarity 88.0%; Pred. No. 2e-09;

Matches 22; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1 PWSPALRLRLQRPPEPSAHAFCHR 25

Db 240 PWSPALRLRLQRPPEPSAHAFCHR 264

RESULT 11

AAY92015

ID AAY92015 standard; Protein: 366 AA.

XX AC AAY92015;

XX DT 19-JUL-2000 (first entry)

XX DE Human inhibin A alpha subunit.

XX human inhibin A alpha subunit; CKGF; mutant; cystine knot growth factor;
 KW hairpin loop; infertility.

XX OS Homo sapiens.

XX Key Location/Qualifiers

FT Misc-difference 1..265

FT /note= "optionally mutated to increase electrostatic
 FT interaction between beta hairpin structure and
 FT a receptor"

FT Domain 266..286

FT /label= beta_hairpin_loop_1

FT /note= "mutant optionally comprises one or more
 FT substitutions in these residues"

FT Misc-difference 287..331

FT /note= "optionally mutated to increase electrostatic
 FT interaction between beta hairpin structure and
 FT a receptor"

FT Domain 332..359

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/label= beta_hairpin_loop_3

/note= "mutant optionally comprises one or more
 substitutions in these residues"

/note= "optionally mutated to increase electrostatic
 interaction between beta hairpin structure and
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XX WO200069900-A2.
 XX 23-NOV-2000.
 XX PF 17-MAY-2000; 2000WO-US13576.
 XX 17-MAY-1999; 99US-0134406.
 PR 10-SEP-1999; 99US-0153406.
 PR 15-OCT-1999; 99US-0159783.
 XX (CONJ-) CONJUCHEM INC.
 PA Bridon DP, Ezrin AM, Milner PG, Holmes DL, Thibaudeau K;
 XX WPI; 2001-112059/12.
 XX Modifying and attaching therapeutic peptides to albumin prevents
 PT peptidase degradation, useful for increasing length of in vivo activity
 PT .
 XX Disclosure; Page 605; 73pp; English.
 XX The present invention describes a modified therapeutic peptide (I)
 CC comprising a therapeutically active amino acid region (III) and a
 CC reactive group (II) (e.g. succinimidy and maleimido groups) attached to
 CC a less therapeutically active amino acid region (IV), which covalently
 CC bonds with amino/hydroxyl/thiol groups on blood components to form a
 CC peptidase stabilised therapeutic peptide composed of 3-50 amino acids.
 CC (I) are useful for modifying therapeutic peptides e.g. hormones, growth
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 CC in vivo for the treatment of various disorders. Endogenous therapeutic
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 CC Modifying and attaching therapeutic peptides to albumin prevents or
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 CC life) and specificity as bonding to large molecules decreases
 CC intracellular uptake and interference with physiological processes.
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 CC exemplification of the present invention.
 XX Sequence 32 AA;
 SQ Query Match 88.8%; Score 127; DB 22; Length 32;
 Best Local Similarity 88.0%; Pred. No. 2.1e-10;
 Matches 22; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
 OY 1 PWSPAALRLQRPPEPSAHAFCHR 25
 DB 8 PWSPAALRLQRPPEPSAHAFCHR 32
 RESULT 13
 AAB92079
 ID AAB92079 standard; Peptide; 33 AA.
 AC AAB92079;
 XX 22-JUN-2001 (first entry)
 DT Inhibin peptide SEQ ID NO:1255.
 XX Protection; endogenous therapeutic peptide; peptidase; conjugation;
 KW blood component; modification; succinimidy; maleimido group; amino;
 KW hydroxyl; thiol; hormone; growth factor; neurotransmitter.
 XX Homo sapiens.
 OS Synthetic.
 OS WO200069900-A2.
 XX 23-NOV-2000.
 XX

PF 17-MAY-2000; 2000WO-US13576.
 XX 17-MAY-1999; 99US-0134406.
 PR 10-SEP-1999; 99US-0153406.
 PR 15-OCT-1999; 99US-0159783.
 XX (CONJ-) CONJUCHEM INC.
 PA Bridon DP, Ezrin AM, Milner PG, Holmes DL, Thibaudeau K;
 XX WPI; 2001-112059/12.
 XX Modifying and attaching therapeutic peptides to albumin prevents
 PT peptidase degradation, useful for increasing length of in vivo activity
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 XX Disclosure; Page 606; 733pp; English.
 XX The present invention describes a modified therapeutic peptide (I)
 CC comprising a therapeutically active amino acid region (III) and a
 CC reactive group (II) (e.g. succinimidy and maleimido groups) attached to
 CC a less therapeutically active amino acid region (IV), which covalently
 CC bonds with amino/hydroxyl/thiol groups on blood components to form a
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 CC (I) are useful for modifying therapeutic peptides e.g. hormones, growth
 CC factors and neurotransmitters, to protect them from peptidase activity
 CC in vivo for the treatment of various disorders. Endogenous therapeutic
 CC peptides are not suitable as drug candidates as they require frequent
 CC administration due to rapid degradation by peptidases in the body.
 CC Modifying and attaching therapeutic peptides to albumin prevents or
 CC reduces the action of peptidases to increase length of activity (half
 CC life) and specificity as bonding to large molecules decreases
 CC intracellular uptake and interference with physiological processes.
 CC AAB90829 to AAB92441 represent peptides which can be used in the
 CC exemplification of the present invention.
 XX Sequence 33 AA;
 SQ Query Match 88.8%; Score 127; DB 22; Length 33;
 Best Local Similarity 88.0%; Pred. No. 2.2e-10;
 Matches 22; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
 OY 1 PWSPAALRLQRPPEPSAHAFCHR 25
 DB 9 PWSPAALRLQRPPEPSAHAFCHR 33
 RESULT 14
 AAP71175
 ID AAP71175 standard; protein; 134 AA.
 XX AAP71175;
 AC AAP71175;
 XX 20-MAY-1991 (first entry)
 DT First protein chain of a 32 kDa FSH secretion-inhibitor.
 DE FSH secretion-inhibitor; contraceptive; infertility diagnosis.
 KW Sus scrofa.
 XX WO8700528-A.
 XX 29-JAN-1987.
 PD 17-JUL-1986; 86WO-US01505.
 XX 03-OCT-1985; 85US-0784436.
 PR 18-JUL-1985; 85US-0756866.
 XX (SALK) SALK INST FOR BIOL STUD.
 PA Ling NCK, Ying SY, Esch FS, Guillemin RCL;
 PI

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XX WPI; 1987-037245/05.
XX
XX New protein which specifically inhibits basal secretion of FSH
PT - isolated from porcine follicular fluid, useful as male
PT contraceptive.
XX
XX Claim 8; Page 22; 35pp; English.
XX
XX The protein sequence encodes the 18 kDa first chain of the 32 kDa
CC FSH secretion-inhibitor. This sequence is linked by disulfide bonds
CC to a sequence (AAP71176 or AAP71177) encoding a second polypeptide of
CC the FSH secretion-inhibitor. The complete protein is used for
CC regulating (decreasing) fertility in mammals, is used as a male
CC contraceptive and in tests for infertility diagnosis.
XX
XX Sequence 134 AA;
SQ
Query Match 88.8%; Score 127; DB 8; Length 134;
Best Local Similarity 88.0%; Pred. No. 9.5e-10;
Matches 22; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1 PWSPAALRLQRPPEPSAHAFCHR 25
Db 8 PWSPAALRLQRPPEPSAHAFCHR 32
|||||
RESULT 15
AAP70310
ID AAP70310 standard; protein: 364 AA.
XX
XX AAP70310;
XX
XX 09-APR-1991 (first entry)
XX
XX Sequence of porcine inhibin alpha-chain precursor.
XX
XX Fertility control; contraception; hormone; spermatogenesis.
XX
XX Sus scrofa domestica.
XX
XX Key Location/Qualifiers
FT Active-site 55..56
FT /note="putative dibasic processing sites"
FT Active-site 59..60
FT /note="as above"
FT Active-site 68..69
FT /note="as above"
FT Modified-site 144..146
FT /note="potential N-linked glycosylation sites"
FT Modified-site 266..268
FT /note="as above"
FT Region 1..230
FT /note="used to design a long synthetic DNA probe"
FT Protein 231..364
FT Cleavage-site 229..230
FT Region 232..252
FT /note="proteolytic processing site"
FT /note="( basis of probe AAP71184)"
XX
XX EF222491-A.
XX
XX 20-MAY-1987.
XX
XX 02-OCT-1986; 86EP-0307586.
XX
XX 12-SEP-1986; 86US-0906729.
XX
XX 03-OCT-1985; 85US-0783910.
XX
XX 10-FEB-1986; 86US-0827710.
XX
XX (GETH ) GENENTECH INC.
XX
XX Mason AJ, Seeburg PH;
PI

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XX WPI; 1987-137512/20.
DR N-PSDB: AAN70310.
XX
XX Recombinant human or porcine inhibin or activin - used for
PT modulating clinical condition or reproductive physiology of
PT animals.
XX
XX Disclosure; Fig 1B; 48pp; English.
XX
XX A compan. comprising human or porcine inhibin which is completely
CC free of unidentified or porcine proteins is claimed. Also claimed
CC are non chromosomal DNA encoding inhibin-alpha or an inhibin-beta
CC chain. Sequencing of inhibin-encoding cDNA has led to the
CC identification of prodomain regions located N-terminal to the
CC mature inhibin chains that represent coordinately expressed
CC biologically active polypeptides. The prodomain regions or
CC prodomain immunogens are useful in monitoring preproinhibin
CC processing in transformant cell culture or in experiments directed
CC at modulating the clinical cond. or reproductive physiology of
CC animals.
XX
XX Sequence 364 AA;
SQ
Query Match 88.8%; Score 127; DB 8; Length 364;
Best Local Similarity 88.0%; Pred. No. 2.7e-09;
Matches 22; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1 PWSPAALRLQRPPEPSAHAFCHR 25
Db 238 PWSPAALRLQRPPEPSAHAFCHR 262
|||||
Search completed: March 13, 2003, 12:34:56
Job time : 36.5 secs

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